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mail  
5/28/03RESPONSE UNDER 37 C.F.R. §1.16  
-EXPEDITED PROCEDURE-  
EXAMINING GROUP ART UNIT 2623

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket PHA 23-859

MI-SUEN LEE

Group Art Unit: 2623

5 Serial No. 09/449,250

Examiner: Chong R. Kim

Filed: November 24, 1999

Title: METHOD & APPARATUS FOR DETECTING MOVING OBJECTS IN VIDEO  
CONFERENCE AND OTHER APPLICATIONS10 Commissioner for Patents  
Washington, D.C. 20231RESPONSE TO OFFICE ACTION

15 Sir:

In response to the Office Action of April 2, 2003,  
Applicants submit the following remarks.

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REMARKS

The present application was filed on November 24, 1999 with claims 1-20. Claims 1 through 20 are presently pending in the above-identified patent application.

The present invention is directed to a method and apparatus for detection of persons or other objects of interest in a video signal or other type of image signal. In accordance with an illustrative embodiment of the invention, a processing system generates, e.g., a threshold difference image by processing an image signal received from a camera. The difference image is then segmented into regions bounded by lines, such as vertical lines, passing through the image, and silhouette candidates are identified in one or more of the regions. Tensor voting is used to determine saliency values and corresponding

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5 Filed: November 24, 1999

Title: METHOD AND APPARATUS FOR DETECTING MOVING OBJECTS  
IN VIDEO CONFERENCING AND OTHER APPLICATIONS10 Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450RESPONSE TRANSMITTAL

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SIR:

Submitted herewith is a Response to an Office Action dated April 2, 2003 relating to the above-identified patent application. There is no additional fee due in conjunction with 20 the Amendment.

In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762 as required to correct the error.

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Respectfully submitted,

By Kevin M. Mason

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May 21, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION

It is hereby certified that this correspondence is being 35 transmitted via facsimile to Examiner Chong R. Kim of the U.S. Patent and Trademark Office at 703-872-9314 on the date indicated below.

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On May 21, 2003  
By Kevin Mason

**RYAN, MASON & LEWIS, LLP**

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**DATE:** May 21, 2003**FILE:** 09/449,250 (1100-26)Facsimile Message From: **KEVIN M. MASON**

Please deliver the following pages to:

NAME	COMPANY	FAX NUMBER
Chong R. Kim	USPTO	703-872-9314

**NUMBER OF PAGES INCLUDING THIS COVER PAGE: 7****COMMENTS/INSTRUCTIONS:**

Please see attached.

If you do not receive all of the pages, please call us back as soon as possible at (203) 255-6560.

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